

Appendix table 4-11.

Level of proficiency in mathematics and science among 12th graders, percentage by race/ethnicity and sex: 1988 cohort in 1992

| Race/ethnicity and sex | Below level 1 | Level 1 | Level 2 | Level 3 | Level 4 or 5 |
|--|---------------|---------|---------|---------|--------------|
| Proficiency in mathematics | | | | | |
| Total | | | | | |
| Underrepresented minority | 10.9 | 37.5 | 19.5 | 18.2 | 13.9 |
| Asian/Pacific Islander and white | 6.4 | 18.7 | 13.5 | 24.7 | 36.7 |
| Female | 7.1 | 25.2 | 14 | 24.5 | 29.3 |
| Male | 7.6 | 20.9 | 15.6 | 22.2 | 33.7 |
| Female | | | | | |
| Underrepresented minority | 11.4 | 40.5 | 17.6 | 17.9 | 12.5 |
| Asian/Pacific Islander and white | 5.8 | 20.5 | 12.9 | 26.3 | 34.5 |
| Male | | | | | |
| Underrepresented minority | 10.3 | 34.4 | 21.4 | 18.5 | 15.4 |
| Asian/Pacific Islander and white | 6.9 | 17.1 | 13.9 | 23.2 | 38.9 |
| Proficiency in science | | | | | |
| Total | | | | | |
| Underrepresented minority | 31.8 | 37.1 | 23.4 | 7.7 | |
| Asian/Pacific Islander and white | 13.5 | 29.5 | 32.3 | 24.7 | |
| Female | 19.8 | 31.4 | 32.0 | 16.8 | |
| Male | 15.6 | 31.0 | 28.7 | 24.7 | |
| Female | | | | | |
| Underrepresented minority | 35.6 | 36.6 | 21.9 | 5.9 | |
| Asian/Pacific Islander and white | 15.0 | 29.8 | 35.1 | 20.2 | |
| Male | | | | | |
| Underrepresented minority | 28.0 | 37.6 | 24.9 | 9.5 | |
| Asian/Pacific Islander and white | 12.1 | 29.1 | 29.8 | 29.0 | |

NOTES: As a result of rounding, rows may not sum to 100 percent. The total sample size in the analysis is 16,489. Proficiency in science was measured on three levels.

SOURCE: National Center for Education Statistics, National Education Longitudinal Study of 1988 (NELS:88), unpublished tabulations.

See page 4-13 in Volume 1.

Science & Engineering Indicators – 2000